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Public Health Service Individual National Research Service Award		Type Act	ivity	Number
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	eed 56 characters, i	• .	•	
2. LEVEL OF FELLOWSHIP		3. REQUEST FOR		
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no., and ext.) 25	(Area code and no.)	(Area code and no.) 25	25
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5. TRAINING UNDER PROPOSED AWARI Discipline No. Category Name	D (See Lexicon)	6. PRIOR AND/OF	R CURRENT NRSA	SUPPORT (Individual or Institutional)
3 24		NO		" refer to Item 23)
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8 8	SPONSOR COMPLETI	2	4	8
9. HUMAN SUBJECTS Or IRB Approval Date	9b. Assurance Compliance	of 10. VERTE	BRATE LS 10a. If "Ye	is," IC approval 10b. Animal Welfare Assurance No.
YES 8	Expedited 9	YES		8 9
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30			TIFICATION NUME	BER
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Name and address of institution where research training will take place if different from Item 11b.		Title Address	30 32	
Address 32 32 32 32 32 32 32		E-mail Address	25 25 30 32 32 32 32 32 32	
15. APPLICANT CERTIFICATION AND ACC and I agree to comply with the Public Health fictitious, or fraudulent statements or claims Service Award Service Assurance, that I wil	f an award is issued a il, or administrative pe	as a result of this appenalties. I certify that	plication. I am aware that any false, that any false, the National Research	
SIGNATURE (Required of each applicant)		DATE		

Department of Health and Human Services		LEAVE BLANK—For PHS use only		
Public Health Service Individual National Research Service Award		Туре	Activity	Number
Application		Review Group		Formerly
Follow instructions carefully. Do not exceed character length restrictions indicated on sample.		Meeting Dates		Date Received
1. TITLE OF RESEARCH TRAINING PRO	POSAL (Do not exceed 56 cha		ng spaces and punct	uation.)
2. LEVEL OF FELLOWSHIP		3. REQUEST	FOR APPLICATION	S
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4d. PRESENT MAILING ADDRESS (Street, city, state, zip code)		4e. PERMANE	ENT MAILING ADDR	ESS (Street, city, state, zip code)
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<u>4j.</u>	<u> </u>			
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Discipline No. Category Name	J (See Lexicon)	0. FRIOR AND		A SOFFORT (Individual of Institutional)
7a. DATES OF PROPOSED AWARD	7b. PROPOSED AWAI	NO NO		es," refer to Item 23) BUGHT DURING PROPOSED AWARD
From (MM/DD/YY) Through (MM/DD/YY		ND DONATION	Degree	Expected Completion Date
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9a. If "Yes," Exemption No. SUBJECTS NO IRB Approval Date	Full IRB <u>or</u> Expedited Review	of ANII	مامه	CUC approval 10b. Animal Welfare
11a. NAME OF SPONSOR (Last, first, mid	dle initial)	11b. NAME OF	PROPOSED SPON	ISORING INSTITUTION
Telephone		Address		
FAX				
E-mail Address				
11c. DEPARTMENT, SERVICE, LABORAT	ORY, OR EQUIVALENT	40 ENTITY ID	ENTIFICATION NILIA	ADED
11d. MAJOR SUBDIVISION		12. ENTITY IDI	ENTIFICATION NUM	IDER
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13. NAME AND TELEPHONE NO. OF ADVIS	OR IF DIFFERENT FROM 11a.	Telephone		
Telephone		FAX		
Name and address of institution where research training will take place if different from Item 11b.		Title Address		
Address				
		E-mail Address		
15. APPLICANT CERTIFICATION AND ACCEPTANCE: I certify that the stateme and I agree to comply with the Public Health Service terms and conditions if an a fictitious, or fraudulent statements or claims may subject me to criminal, civil, or Service Award Service Assurance, that I will abide by the Assurance if an awar			ed as a result of this a e penalties. I certify th	pplication. I am aware that any false, at I have read the National Research
SIGNATURE (Required of each applicant)		DATE		

		Individual	NRSA Applica	ntion	NAME (Last, first, middle initia	<i>I)</i>
	(To b	e completed by a	pplicant—follow instru	uction sheet)		
16. APP	LICANT'S	EDUCATION	EIEL D	INOTITU	TION	MENTOD
DEGREE	MONTH	YEAR	FIELD	INSTITU	HON	MENTOR
17. API	PLICANT'S	S TRAINING/EMP	PLOYMENT (After colle	ege)		
	TIVITY/ UPATION	BEGINNING DATE (mm/yy)	ENDING` DATE (mm/yy)	FIELD	INSTITUTION/COMPANY	SUPERVISOR/EMPLOYER
18. GO	ALS FOR	FELLOWSHIP	TRAINING AND CAF	REER		
				SPONSOR		
		DEGREE(S)				
	SITION/R	INTERESTS/AR	FAS			
200. IXL			0			
				RESEARCH PROPOSA	AL .	
21. DE	SCRIPTIC	DN				

Individual NRSA Application Table of Contents

NAME (Last, first, middle initial)

Section 1—Applicant	Page Numbers (Number pages consecutively at the bottom throughout the application. Do not use suffixes such as 5a, 5b.)
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Background	5
Research Experience	3
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b. Doctoral Dissertation	
c. Publications	
Revised Application	 -
Research Training Plan	
a. Activities Under Award	
b. Research Training Proposal	
(1) Specific Aims	(
(2) Background/Significance	
(3) Research Design and Methods	1
(4) Literature Citations	.
(5) Human Subjects/Vertebrate Animals	
c. Respective Contributions	
d. Selection of Sponsor and Institution	
Section 2—Sponsor	
Biographical Sketch	
Research and Training Support/Previous Trainees	
Facilities and Commitment Statement	
Training Plan, Environment, Research Facilities	
Number of Fellows/Trainees to be Supervised	
Applicant's Qualifications and Potential	
Human Subjects	
Vertebrate Animals	
Checklist	
Section 3—References (Minimum of 3) (See instructions for submission of references) List full name, institution, and department of individuals submitting reference letters.	
Other Items (list): Personal Data Page for Fellows	
Section 4—Appendix (3 collated sets. No page numbering necessary. Not to exceed 3 publications; 2 for predoct	toral candidates.)
Check if Appendix is included	

Individual NRSA Application Scholastic Performance

NAME OF APPLICANT (Last, first, middle initial)

(To be completed by applicant—follow instruction sheet.)

22. SCHOLASTIC PERFORMANCE: **Predoctoral** applicants: List by institution and year all undergraduate and graduate courses with grades. **Postdoctoral** applicants: List by institution and year all undergraduate courses and graduate scientific and/or professional courses germane to the training sought under this award with grades. Complete block at bottom of page, if applicable. **Senior** applicants: Omit this page.

	SCIENCE			OTHER	
'EAR	COURSE TITLE	GRADE	YEAR	COURSE TITLE	GRADE

Explain marking system if other than 1-100 or A, B, C, D, F. Show level required for passing. **Predoctoral** applicants state performance on Graduate Record Examination, if available.

Individual NRSA Application
Background

NAME OF APPLICANT	(Last, first, middle initial)
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Background	
(To be completed by applicant—follow instruction sheet.)	
23. PRIOR AND/OR CURRENT NRSA SUPPORT. List type (individual a	and/or institutional), level (pre or post), dates, and grant or award numbers.
24a. ACADEMIC AND PROFESSIONAL HONORS. Include all scholarship source of awards (NSF, Woodrow Wilson, etc.), dates, and grant or	os, traineeships, fellowships, and development awards other than NRSA. Indicate r award numbers. List current professional societies, if applicable.
24b. TITLE(S) OF THESIS/DISSERTATION(S)	
25. NAME OF THESIS ADVISOR OR CHIEF OF SERVICE (If reference report not included, explain why not.)	TITLE, DEPARTMENT, AND INSTITUTION
26. APPLICATION FOR CONCURRENT SUPPORT Using format below, list all support (training, the period covered by this application. Included the period covered by the period covere	, research, supplies, travel, etc.) applied for that would run concurrently with de the type, dates, source, and amount.
Type:	Dates:
Source:	Amount:

Individual NRSA Application Research

NAME OF APPLICANT (Last, first, middle initial)

(To be completed by applicant—follow instruction sheet.)

- 27. RESEARCH EXPERIENCE
 - a. Summary

 - b. Doctoral Dissertationc. Publications (published, accepted, submitted, or in preparation)
- 28. REVISED APPLICATION
- 29. RESEARCH TRAINING PLAN
 - a. Approximate percentage of proposed award time in activities identified below. (See instructions.)

Year	Research	Course Work	Teaching	Clinical
First				
Second				
Third				

- b. Research Training Proposal
- c. Respective Contributions
- d. Selection of Sponsor and Institution

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Individual NRSA Application	NAME OF APPLICANT (Last, first, middle initial)
Continuation Page	

Personal Data on Fellowship Applicant

Clip this form to the signed original of the application after the Checklist. Do not duplicate.

NAME OF APPLICANT (Last, first, middle initial)

The Public Health Service has a continuing commitment to monitor the operation of its review and award processes to detect—and deal appropriately with—any instances of real or apparent inequities with respect to age, sex, race, or ethnicity of the proposed principal investigator/program director.

To provide the PHS with the information it needs for this important task, complete the form below and attach it to the signed original of the application after the Checklist. **Do not attach copies of this form to the duplicated copies of the application.**

Upon receipt of the application by the PHS, this form will be separated from the application. This form will **not** be duplicated, and it will **not** be a part of the review process. Data will be confidential, and will be maintained in Privacy Act record system 09-25-0036, "Grants: IMPAC (Grant/Contract Information)." All analyses conducted on the data will report aggregate statistical findings only and will not identify individuals.

If you decline to provide this information, it will in no way affect consideration of your application.

Your cooperation will be appreciated.

DATE OF BIRTH (MM/DD/YY)	GENDER
	Female Male
RACE AND/OR ETHNIC ORIGIN (check one)	
Note: The category that most closely reflects the individual's mixed racial and/or ethnic origins.	recognition in the community should be used when reporting
American Indian or Alaskan Native. A person having who maintains a cultural identification through tribal affili	origins in any of the original peoples of North America, and ation or community recognition.
	ny of the original peoples of the Far East, Southeast Asia, the ludes, for example, China, India, Japan, Korea, the Philippine
Black, not of Hispanic origin. A person having origins	in any of the black racial groups of Africa.
Hispanic. A person of Mexican, Puerto Rican, Cuban, C regardless of race.	Central or South American, or other Spanish culture or origin,
White, not of Hispanic origin. A person having origins Middle East.	in any of the original peoples of Europe, North Africa, or the
Check here if you do not wish to provide some or all of t	he above information.

Individual NRSA Application	NAME OF APPLICANT (Last, first, middle initial)			
(To be completed by sponsor. Also complete Items 9 through 14 on Page 1, Items 19 and 20 on Page 2. Follow instruction sheet.)				
30. BIOGRAPHICAL SKETCH OF SPONSOR				
NAME	POSITION TITLE			
EDUCATION/TRAINING (Begin with baccalaureate or other initial profession	onal education, sucl	h as nursing, and inc	clude postdoctoral training.)	
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY	

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list, in chronological order, previous employment, experience, and honors. Include present membership on any Federal Government public advisory committee. Specify the total number of publications and list, in chronological order, the titles, all authors, and complete references to all publications during the past three years and to representative earlier publications pertinent to this application. If the list of publications in the last three years exceeds two pages, select the most pertinent publications. **DO NOT EXCEED TWO PAGES.**

II

Individual NRSA Application Facilities and Commitment

(To be completed by sponsor—follow instruction sheet.)	

IAME	OF	APPLICANT	(Last.	first.	middle initial)	

31. Identify the research and research training support available to the sponsor and the applicant during period of proposed award.

32. SPONSOR'S PREVIOUS FELLOWS/TRAINEES

Give total number of pre- and postdoctoral individuals and provide information on a representative five. List their present employing organizations and position titles or occupations.

FACILITIES AND COMMITMENT STATEMENT

In the space below and on continuation pages, complete the following items. Identify each item by number and title.

33. Training Plan, Environment, Research Facilities.

Describe the research training plan for the applicant. Include such items as classes, seminars, and opportunities for interaction with other groups and scientists. Describe the research environment and available research facilities and equipment. Include information that will help reviewing groups evaluate the applicant and the proposed training. Indicate the relationship of the proposed research training to the applicant's career. Describe the skills, techniques, etc., that the applicant will learn and relate these to the applicant's career goals.

- 34. Number of Fellows/Trainees to be Supervised During the Fellowship. Indicate Pre- or Postdoctoral.
- 35. Applicant's Qualifications and Potential for a Research Career.
- 36. Human Subjects/Vertebrate Animals Use and Description.

37. **CERTIFICATION**: We, the undersigned, certify that (a) the information herein, including involvement of Human Research Subjects, Recombinant DNA Research, and Vertebrate Animals, is true, complete, and accurate to the best of our knowledge; (b) if this application results in an award, appropriate training, adequate facilities, and supervision will be provided; and (c) we will comply with the Public Health Service terms and conditions of award. We are aware that any false, fictitious, or fraudulent statement or claim may subject us to criminal, civil, or administrative penalties.

SIGNATURE	TYPED NAME	OFFICE TELEPHONE	DATE
SPONSOR			
DEPARTMENT HEAD			
OFFICIAL SIGNING FOR SPONSORING INSTITUTIO	N		

Individual NRSA Application Continuation Page

NAME OF APPLICANT (Last, first, middle initial)

Individual NRSA Application Checklist

NAME OF APPLICANT (Last, first, middle initial)

	A	Applicant completes S	Section I. Sponsor completes	Section II.			
Se	ctio	n I—Applicant					
۹.	TYF	YPE OF APPLICATION					
		NEW application	(This application is being sub	omitted to the PH	S for the first time.)		
			ONTINUATION of award numl		t award period.)		
		REVISION of ap	plication number	•	, ,		
		(This application	replaces a prior unfunded ve	rsion of a new or	competing continuation a	application.)	
3.	ASS	SURANCES/CERTIF	ICATIONS				
	The following assurances/certifications are made and verified by your signature in Item 15 on the FACE PAGE of the application. Descriptions of individual certifications begin on page 25 of the application instructions. If unable to certify compliance, provide an explanation and place it after this page. • Debarment and Suspension; • Delinquent Federal Debt; • Drug-Free Workplace (Applicable only to new or revised applications being submitted to the PHS for the first proposed project period—Type 1.)						
Э.	NR	SA SENIOR FELLO	WSHIP APPLICANTS ONL	Υ			
	1.	PRESENT INSTITUT	TIONAL BASE SALARY				
		Amount	Academic Period/number of	months			
	2.		DURING FIRST YEAR OF	PROPOSED FE	LLOWSHIP		
		a. Stipend requested					
		Amount	Number of months				
	b. Supplementation from other sources						
		Amount	Number of months	Type (sabbatio	al leave, salary, etc.)	Source	

Section II — Sponsoring Institution

The following assurances/certifications are made and verified by the signature of the Official Signing for Sponsoring Institution in Item 37. Descriptions of sponsoring institution assurances/certifications begin on page 20 of the application instructions. If unable to certify compliance, where applicable, provide an explanation and place it after this page.

- Human Subjects; Vertebrate Animals; Debarment and Suspension;
- Research Misconduct; Civil Rights (Form HHS 441 or HHS 690); Handicapped Individuals (Form HHS 641 or HHS 690); Sex Discrimination (Form HHS 639-A or HHS 690); Age Discrimination (Form HHS 680 or HHS 690); Financial Conflict of Interest.

Applicant's Instructions for Submission of References

This notice explains the submission of references for Individual National Research Service Award applicants. Applications will not be reviewed unless at least three references are received with the application. Applicants are responsible for complete applications reaching the PHS on schedule.

Submission Process

Forward reference forms to referees with sufficient lead time so that the completed forms will be part of the application package. Fill out upper right corner before forwarding to the referee. Referees should be provided with postage-paid return envelopes addressed to you with the following words in the front bottom left corner—DO NOT OPEN—PHS USE ONLY. Attach unopened references to the front of the original application and submit the entire package by the submission deadline.

Department of Health and Human Services Public Health Service

Reference

National Research Service Award

(Read instructions on back.)

(Applicant completes this block.)				
	NAME OF APPLICANT (Last, first, middle initial)			
	PROPOSED SPONSORING INSTITUTION			

_			
Compare the applicant with other individuals of Mark every block; insert "X" if insufficient knowledge in the control of the c		-	e the following numerical scores.
1 - Outstanding — comparable to the best ind	dividual in a current class or i	research laboratory (upper 5%)	
2 – Excellent — upper 6 to 20%		od (Average) — middle 41 to 60%	
3 - Very Good (Above Average) — upper 21		(Below Average) — lower 40%	
Use black ribbon or black ink.			
Research Ability and Potential		Originality	
Written and Verbal Communications		Accuracy	
Perseverance in Pursuing Goals		Scientific Background	
Self-Reliance and Independence		Familiarity with Research Literature	
Clinical Proficiency, if relevant		Ability to Organize Scientific Data	
Laboratory Skills and Techniques, if	relevant		
DATES ASSOCIATED WITH APPLICANT		CAPACITY AT THAT TIME (Teacher, thes (Use continuation pages as necessary.)	is advisor, supervisor or other)
RESPONDENT (Name, title, department, and it	institution)		
TELEPHONE NUMBER	SIGNATURE		DATE
PHS 416-1 (Rev. 8/95)	Referenc	e Page	

Note to Respondent

The applicant is applying for a competitive Individual National Research Service Award (NRSA) fellowship from the Public Health Service (PHS) for research training in health-related areas. Your assessment of the applicant's potential for a research career is requested. The references will be used by PHS committees of consultants in assessing applicants.

At least three references must be submitted with the application or the application will be returned. Please complete this form and return it to the applicant in sufficient time for the applicant to meet the deadline date.

Complete the form in English. The form should be typed. Use a black ribbon. If any part of the form is handwritten, use a black pen. The color blue does not reproduce. If the space provided is inadequate, use an 8½ x 11" sheet of paper and put the applicant's name in the upper right corner.

Although the Privacy Act of 1974 allows NRSA applicants to have access to personal information contained in their records, we have asked the applicant to provide you with a self-addressed envelope with-DO NOT OPEN—PHS USE ONLY— in the front bottom left corner. Applicants are asked not to open the references in order to protect the utility of the process. Thank you for your assistance.

PHS estimates that it will take 45 minutes to complete this form. This includes time for reviewing the instructions, gathering needed information, and completing the form. If you have comments regarding this burden estimate or any other aspects of the collection of information, including suggestions for reducing this burden, send comments to PHS Reports Clearance Officer, 737-F Humphrey Bldg., 200 Independence Ave., S.W., Washington, D.C. 20201, Attention: PRA (0925-0002). **DO NOT RETURN THE COMPLETED FORM TO THIS ADDRESS.**

Mailing address for application package

Fellowship
Division of Research Grants
National Institutes of Health
Suite 1040
6701 ROCKLEDGE DR MSC 7710
BETHESDA MD 20892–7710

Applicants who wish to use express mail or courier service should change the zip code to 20817.

C.O.D. applications will not be accepted.

For application in response to RFA

IF THIS APPLICATION IS IN RESPONSE TO AN RFA, be sure to put the RFA number in Item 3 of the application face page. In addition, after duplicating copies of the application, cut along the dotted line below and staple the RFA label to the *bottom* of the face page of the original and place the original on top of your entire package. Failure to use this RFA label could result in delayed processing of your application such that it may not reach the review committee on time for review. *Do not use* the label unless the application is in response to a specific RFA. Also, application responding to a specific RFA should be sure to follow all special mailing instructions published in the RFA.

